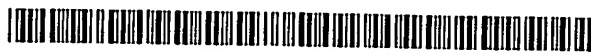


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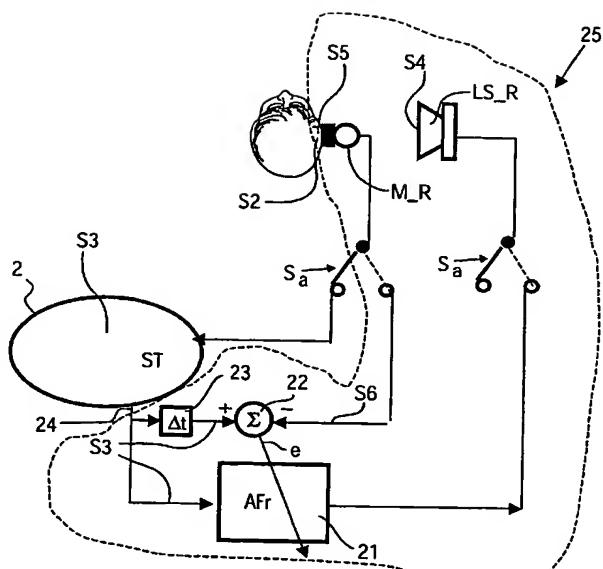
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(54) Title: SYSTEM COMPRISING SOUND REPRODUCTION MEANS AND EAR MICROPHONES



S1



(57) Abstract: A sound recording and reproduction system comprises ear microphones for recording sound and sound reproduction means for generating sound and means to control the sound signal generated by said sound reproduction means. The system comprises storing device (2) for storing sound signals recorded by the microphones (M_R, M_L), and an input (24) for reproduction of a recorded sound signal (S3) on the means for generating sound (LS_R, LS_L) through an adaptive filter (21). The system comprising a feed back system (25) comprising the input (24), the adaptive filter (21), at least an ear microphone (M_R, M_L), at least one sound reproduction means (LS_R, LS_L) and a comparison means (22) for comparing an input signal (S3) to a signal received by the microphone (S6) upon during reproduction of said input signal (S3), said comparison means (22) providing a comparison signal (e) for regulating the adaptive filter (21).

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